

ESTABLISHMENT OF POLYTECHNIC INSTITUTE AT JACOBLINE, KARACHI

[REMAINING WORK]

SUMMARY OF COST

S #	SUB HEAD	TOTAL AMOUNT
1	Cost of Civil Work (Scheduled Items) (Page No. 02 - 02)	Rs=
2	Cost of Civil Work (NSI) (Page No. 03 - 03)	Rs=
	Sub Total of Civil Work	(A) _____
3	Cost of Electrical Work (Scheduled Items) (Page No. 04 - 05)	Rs=
4	Cost of Electrical Work (NSI) (Page No. 06 - 10)	Rs=
	Sub Total of Electrical Work	(B) _____
Total Cost of Work (A+B)=		Rs=

The Director (Works & Services)

Dated: _____

 Contractor's Signature with Stamp

Dated: _____

ESTABLISHMENT OF POLYTECHNIC INSTITUTE AT JACOBLINE, KARACHI

[REMAINING WORK]

BILL OF QUANTITIES

(Civil Works)

Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1	ALUMINUM WINDOW Supplying and fixing in position Aluminum channels framing for sliding window & Ventilators of Alcop made with 5 mm thick tinted glass glazing (Belgium) & Aluminum fly screen including handles stoppers and locking arrangement etc. complete. (b) Deluxe model (Bronze) (Page No. 108, Item No.84-b)	646.00	Per Sft	1,647.69	1,064,407.74
2	S/F in position aluminum channels framing for hinged doors of Alcop made with 5mm thick tinted glass glazing (Belgium) and alpha (Japan) locks i/c handles, stoppers etc. deluxe model (bronze) Page No. 108, Item No. 83-b)	272.00	Per Sft	1,507.66	410,083.52
3	COLLAPSIBLE GATE Providing and fixing iron collapsible gate with channel framing of section 3/4" x 5/16" at 4" I/c revitted with 3/4" x 1/8" flat iron patti placed diagonally and provided with top & bottom T-section 1" x 1" 1/8" along with rollers also I/c locking arrangement and fixing in floor/ceiling or wall etc, completed. (Page No. 94, Item No. 32)	176.00	Per Sft	387.04	68,119.04
4	FALSE CEILING Supplying and fixing false ceiling of plaster of paris in panels including making frame work of deodar wood including painting with soligia paint. (Page No. 63, Item No. 52)	2,673.00	%Sft	25,293.42	676,093.12
Sub Total				Rs=	2,218,703.42
____ % above / below				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

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BILL OF QUANTITIES

Non-Schedule Items (Civil Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
5	PORCELAIN TILES FLOORING Providing and laying light colour, glazed / non skid vitrified porcelain tiles (Polished) not exceeding (16" X 16" or approved size) on floors, laid with over a base of 1½" thick S.R. Cement mortar (1:3) including jointing to tiles with matching colour of approved quality. Complete in all respect as per specification, drawing and instructions of the Architect / Engineer-in-Charge. (Master or approved equivalent)	20,227.00	Per Sft		
Cost of Civil Work (Scheduled Items)				Rs=	

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BILL OF QUANTITIES

(Electrical Works)
Sindh Schedule of Rates 2012

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
6	WIRING Wiring for light or fan point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 124)	856.00	Per Point	1,130.00	967,280.00
7	Wiring for Plug point with 3/.029 PVC insulated wire in 20 mm (3/4") PVC conduit recessed in the wall or column as required.(Page No. 15, Item No. 125)	152.00	Per Point	669.00	101,688.00
8	Wiring for call bell point 3/.029 PVC insulated wire in 20 mm (3/4") channel patti on surface as required (Page No. 15, Item No. 131)	12.00	Per Point	1,590.00	19,080.00
9	CEILING ROSE Providing and fixing bakelite ceiling rose with two terminals (Page No. 330, Item No. B-228)	856	Each	72.00	61,632.00
10	CEILING FAN Providing and fixing brass ceiling fan 56" i/c Fan Clamp good and best approved quality locally manufactured sweep ceiling fans complete with required down rod, blades, flexible cord PVC / PVC required to connect the fan etc. (Page No. 34, Item No. C-235)	186	Each	3,185.00	592,410.00
11	WALL BRACKET FAN Providing and installing 45 Cm (18") sweep wall bracket fan complete with blades regulator & pulling cord switch fitted on wall or column with GI clip including connection as required. Millat / Pak / Younas / Climax / Royal. (Page No. 34, Item No. C-236)	48	Each	1,884.00	90,432.00
12	WIRING FOR LIGHT CIRCUIT Providing & Laying (Main or Sub Main) PVC insulated with size 2-3/.036 copper conductor wire in ¾" dia PVC conduit on surface. (Page No. 1, Item No. 2)	339.00	Per Meter	139.00	47,121.00

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(Electrical Works)
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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
13	MAIN / SUB MAIN Providing and laying (MAIN or SUB MAIN) PVC insulated with size 2-7/044 6mm ² copper conductor in 1" dia PVC conduit on surface. (Page No. 1, Item No. 5)	339.00	Per Meter	305.00	103,395.00
14	Providing and laying (MAIN or SUB MAIN) PVC insulated with size 2-7/029 copper conductor wire in ¾" dia PVC conduit on surface. (Page No. 1, Item No. 10)	934.00	Per Meter	222.00	207,348.00
15	Providing & laying (main or sub main) PVC insulated and PVC sheathed with 4 core armoured conductor 600/1000 volts size 10mm ² (Page No. 13, Item No. 112)	150.00	Per Meter	3,910.00	586,500.00
Sub Total				Rs=	2,776,886.00
_____ above / below				Rs=	
Cost of Civil Work (Scheduled Items)				Rs=	

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BILL OF QUANTITIES

Non-Schedule Items (Electrical Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
16	SWITCHES Providing & fixing 5/10 Amps SP Switch Polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge. (E31-36/1/2A Clipsal make)				
a	Three Gang Switch	27	Each		
b	Four Gang Switch	35	Each		
c	Five Gang Switch	16	Each		
d	Eight Gang Switch	69	Each		
17	3 PIN PLUG SOCKET Providing & fixing 5/10 Amps SP Switch 3 Pin Plug Socket Polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge. (E15 Clipsal make)	152	Each		
18	TELEPHONE SOCKET Providing & fixing Polycarbonate flame retardant Telephone socket 4 contact single 2 line with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge. (E31RJ64SM Clipsal make)	2	Each		
19	3 PIN POWER PLUG Providing & fixing 15 Amps SP Switch 3 Pin Power Plug Socket Polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge. (Clipsal make)	134	Each		

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Non-Schedule Items (Electrical Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
20	FITTING & FIXTURE Providing & fixing basic batten, surface type, fitting complete with TL'D 1x36W / colored / day light lamp, starter, electro magnetic ballast & capacitor as Philips Cat. (TMS-015/136)	320	Each		
21	Providing & fixing basic batten, surface type, fitting complete with TL'D 2x36W / colored / day light lamp, starter, electro magnetic ballast & capacitor as Philips Cat. (TMS-015/236)	348	Each		
22	Providing and fixing recessed mounting luminaries with metallic 'M2' type TL'D' 2x36 white day light lamp, starter, electro magnetic ballast & capacitor complete Philips (Cat. No. TBS-236 M2) as required.	2	Each		
23	CEILING GLOBE Providing and fixing 8" / 10 ceiling Globe Fitting complete glass /fiber shade with brass batten holder with 23 watts Energy saver lamp Philips as required.	112	Each		
24	FAN DIMMER Providing & fixing Polycarbonate flame retardant, 400 watts fan dimmer with plate fixed on die fabricated powder coated metal board recessed in wall or column including connection as required. Complete in all respect as per instructions of Engineer-in-Charge. (E-32V400 F) Clipsal make)	215	Each		
25	EXHAUST FAN Making Hole of Exhaust Fan 12" Size with cutting plaster of the wall and finish good the same as required.	15	Each		

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Non-Schedule Items (Electrical Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
26	Providing & installing 40 Cm (12") sweep, metallic body Exhaust fan complete with blades, motor, etc fitted in existing hole including connection with 14.0076" flexible wire complete as required Millat / Pak / SM Din & Sons / Climax.	15	Each		
27	Providing & fixing heavy gauge metallic shutter, suitable for 16" sweep exhaust fan's fitted on existing hole as required.	2	Each		
28	Providing & fixing 20 Amps DPMCCB in metal box flush / Surface type i/c connection as required.	2	Each		
29	Supply & Fixing 25mm ² (1") dia PVC Conduit with all especial such as bends, socket junction etc recessed in the wall or column as required				
30	PVC CONDUIT Supply & fixing following dia PVC conduit with all especial such as bends, socket junction etc recessed in the wall or column as required				
a	20mm (¾") Dia	750.00	P/M		
b	25mm (1") Dia	320.00	P/M		
c	30mm (1¼") Dia	150.00	P/M		
31	uPVC Pipe Providing and laying 50mm dia uPvc pipe installed already prepared under floor cable trench ,including all installation accessories, complete in all respect as per instruction of the Engineer-in-Charge.	170.00	P/Rft		
32	TELEPHONE CABLE Supply, installation, connecting, testing and commissioning of 2 Pair telephone cable in already installed under floor trunking and conduit. Complete in all respect as per instructions of Engineer-in-Charge.	750.00	P/Rft		

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Non-Schedule Items (Electrical Work)

S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
33	MAIN PANEL & DB,S Providing and fixing Wall/Floor/flush type main Electric Panel , fabricated with heavy gauge sheet steel (not less then 16SWG) suitable for operation on 440 volts, 3 phase, 4 wire, 50 cycle, AC supply, dully painted with superior quality of enameled paint after degreasing and phyosphating process. with equipped with following accessories. INCOMING 1-60/75 Amps TPMCCB (Tarasaki) 1-set control wiring/Busbar 3x Indicator lamp 3x Phase Selector switch 1x Ampere Meter 1x Volt meter 1-Set CTs Neutral connecting terminals. Earth connecting terminals. OUT GOING 50 Nos X 6/10 Amps SP MCB (Tarasaki) 5 Nos X 15 Amps SP MCB (Tarasaki) 1 No X 20 Amps DP MCB (Tarasaki)	2	P/Job		
34	Same as item 33 above but Flush /Wall mounted DB incoming & out going as under . INCOMING 1x150 Amps TPMCCB (Tarasaki) 3x Indicator lamp 1x Neutral connecting terminals. 1x Earth connecting terminals. OUT GOING 2 X 75 Amps TP MCCB	2	P/Job		

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S.NO	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
35	EARTHING SET Providing and fixing earthing set with 600 mm X 600 mm X 6 mm copper plate buried in the ground at a depth of 3.6 m or less if water come out from the ground level (with salt and charcoal, or earth chemical powder) etc., making the pit 3.6 m feet deep by excavation of all type of soil (except soft or hard rock) including fixing of 8 SWG copper wire in 13 mm GI pipe. Complete in all respect as per instructions of Engineer-in-Charge.	1	P/Job		
36	Supply, Installation, testing & commissioning of Panels (breaker system). Flush / Wall mounted DB incoming & outgoing. Work including fixing termination at cable using all necessary cable lugs & nuts bolts etc.	5	P/Job		
37	ELECTRIC WATER COOLER Providing and fixing of Electric Water Cooler Capacity 20 US gallons (MECO Model ME-30SS) totally rust proof, pressure type with stainless steel body as manufactured by MECO including 3 stage water filter (mabzi or equivalent) as approved by the Engineer-in-Charge.	2	Each		
Cost of Electrical Works (NSI)				Rs=	